

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:
CHARLES M. ALLEN
GOODMAN ALLEN & FILETTI, PLLC
4501 HIGHWOODS PARKWAY, SUITE 210
GLEN ALLEN, VA 23060

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

Applicant's or agent's file reference WHITPCT01	Date of mailing (day/month/year) 18 NOV 2005
International application No. PCT/US05/28510	International filing date (day/month/year) 09 August 2005 (09.08.2005)
Applicant MESSAGE LEVEL, LLC	

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70.

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer <i>for Michelle R. Egan</i> Andrew Caldwell Telephone No. (703)305-3900
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference WHITPCT01	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US05/28510	International filing date (<i>day/month/year</i>) 09 August 2005 (09.08.2005)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant MESSAGE LEVEL, LLC		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 7 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the Report**

a. With regard to the **language**, the international search was carried out on the basis of:



the international application in the language in which it was filed.



a translation of the international application into _____, which is the language

of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐

With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

b. ☒

none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/28510

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/16

US CL : 709/206-207

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 709/206-207

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20050044156 A1 (Kaminski et al) 24 Feb 2005, paragraph (0004, 0018,0023,0024,0026,0034,0036,0045, Fig 1).	1, 5,7-8,12,16-17,24,21-22, 28-30 ----- 2-4,6, 9-11,13-15,18-20,23,25-27-26
Y	US 20020046250A1 (Nassiri) 18 April 2002, paragraph (0015, 0067).	2,3,9-10,13-14,18-19, 25-26
Y	US 20050144239 A1 (Mattathil) 30 June 2005, paragraph (0041, 0073).	4,6,11,15,20,23,27



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

02 November 2005 (02.11.2005)

Date of mailing of the international search report

18 NOV 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Andrew Caldwell

Telephone No. (703)305-3900

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:
CHARLES M. ALLEN
GOODMAN ALLEN & FILETTI, PLLC
4501 HIGHWOODS PARKWAY, SUITE 210
GLEN ALLEN, VA 23060

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Applicant's or agent's file reference WHITPCT01		Date of mailing (day/month/year) 18 NOV 2005 FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/US05/28510	International filing date (day/month/year) 09 August 2005 (09.08.2005)	Priority date (day/month/year)
International Patent Classification (IPC) or both national classification and IPC IPC(7): G06F 15/16 and US Cl.: 709/206-207		
Applicant MESSAGE LEVEL, LLC		

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Date of completion of this opinion	Authorized officer <i>Michelle R. Seer</i> Andrew Caldwell Telephone No. (703)305-3900
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Form PCT/ISA/237 (cover sheet) (April 2005)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US05/28510

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

- ☒ the international application in the language in which it was filed
- ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing
- ☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper
- ☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed.
- ☐ filed together with the international application in electronic form.
- ☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US05/28510

Box No. V Reasoned statement under Rule 43 *bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims <u>2-4,6,9-11,13-15,18-20, 23 and 25-27</u>	YES
	Claims <u>1,5,7,8,12,16,17,21,22,24 and 28-30</u>	NO
Inventive step (IS)	Claims <u>NONE</u>	YES
	Claims <u>1-30</u>	NO
Industrial applicability (IA)	Claims <u>1-30</u>	YES
	Claims <u>NONE</u>	NO

2. Citations and explanations:

Please See Continuation Sheet

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US05/28510

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

V. 2. Citations and Explanations:

Claims 1, 5, 7-8, 12, 16, 17, 21-22, 24, and 28-30 lack novelty under PCT Article 33(2) as being anticipated by Kaminski (US 20050044156A1). Kaminski teaches of a sending device sending electronic messages wherein each said electronic message sent by said sending device contains data identifying each said electronic message... (paragraph 0004, fig1); a receiving device receiving electronic message (fig 1); means for temporary withholding from delivery to the intended recipient an electronic message, means for locating within said received electronic message data..., means for locating with said received electronic message data identifying said received message, means for preparing and transmitting a confirmation request to device..(paragraph 0019), means for receiving a reply to said confirmation request wherein said reply affirm or denies that said received message was sent (paragraph 0023), wherein affirmation if meet challenge, denied if failed challenge, means for permitting delivery of said received electronic message to the intended recipient when the reply so said confirmation request message affirms that the device is identified as the purported sender (paragraph 0024), means for locating with each said electronic message sent by said sending device data identifying each said electronic message (paragraph 0026), means for copying and storing said data identifying each said electronic message sent by said device and wherein said data identifying each said electronic message..(paragraph 0023), means for comparing the data identifying said received electronic message within said confirmation request with the data identifying said received electronic message within said confirmation request with the data identifying each electronic message... (paragraph 0040-0041), means for responding to said confirmation request message wherein said reply confirms that said sending device sent the received electronic message when the data identifying said received electronic message... by said device electronic message (paragraph 0023, 0040-0041), means for including identification string in electronic email (paragraph 0004).

Claims 2-3, 9-10,13-14,18-19,25-26 lack an inventive step under PCT Article 33(3) as being obvious over Kaminski (US 20050044156) in view of Nassiri (US 20020046250).

In regards to the limitations of claims 2-3, 9-10,13-14,18-19,25-26, Kaminski does not explicitly teach of the limitations. In an analogous art, Nassiri teaches of wherein the data identifying said received electronic message by said receiving module comprises the data and time of the received message (paragraph 0015) , ... electronic address of the sender and electronic address of the recipient (paragraph 0055). It would have been obvious to one of ordinary skill in the arts to incorporate the above teachings because the inventions are analogous art (i.e. email transmitting system). One of ordinary skill in the arts at the time of invention would have been motivated for the reasons discussed by Kaminski (paragraph 0002).

Claims 4,6, 11, 15,20,23 and 27 lack an inventive step under PCT Article 33(3) as being obvious over Kaminski in view of Mattahil (US 20050144239).

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US05/28510

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

In regards to claims 4,6, 11, 15,20,23 and 27, Kaminski does not explicitly teach of the limitations. In an analogous art, Mattathil teaches of encrypting electronic message (confirmation request message) and means for decrypting said reply to said confirmation request....an d means for encrypting said reply to said confirmation request message (paragraph 0041,0073). It would have been obvious to one of ordinary skill in the arts to incorporate the above teachings because the inventions are analogous art (i.e. email transmitting system). One of ordinary skill in the arts at the time of invention would have been motivated for the reasons discussed by Kaminski (paragraph 0002).

Claims 1-30 meet industrial applicability as defined by PCT Article 33(4) because the claimed invention enable the transmission of electronic messages over data networks.